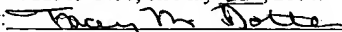


IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	NIEMINEN	Examiner:	Unassigned
Serial No.:	10/781,492	Group Art Unit:	2631
Filed:	February 18, 2004	Docket No.:	KOLS.091PA
Title:	DECODER FOR A TRELLIS CODE		

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on May 21, 2004.

By: 
Tracey M. Dotter

INFORMATION DISCLOSURE STATEMENT (37 C.F.R. §1.97(b))

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted either within three months of the filing date or before the first Office Action of the above-identified application. Accordingly, no fee is due for consideration of the items listed on the enclosed Form 1449.

In accordance with 37 C.F.R. §1.98(a)(2), and the 05 August 2003 Official Gazette Notice, only a copy of each foreign document or non-U.S. patent/application listed on the enclosed Form 1449 is provided.

Please note that any notations or markings on the attached documents do not reflect particular relevance, or lack thereof, to the present application, nor were they necessarily made by anyone affiliated with the prosecution of the present application.

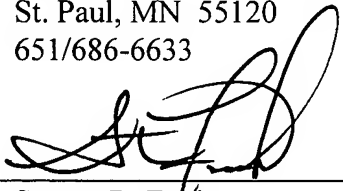
No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Respectfully submitted,

Crawford Maunu PLLC
1270 Northland Drive
Suite 390
St. Paul, MN 55120
651/686-6633

Date: May 21, 2004

By: 
Steven R. Funk
Reg. No. 37,830

FORM 1449* JCS INFO
MAY 24 2004
PATENT & TRADEMARK OFFICE

[illegible]

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 1 102 408 A2	23.05.2001	EP			N/A	
	WO 01/78239 A2	18.10.2001	PCT			N/A	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	JUNE 1996	Hendrix, "Viterbi Decoding Techniques in the TMS320C54x Family", Texas Instruments, June 1996.
	March 1992	Black et al., "A Unified Approach to the Viterbi Algorithm State Metric Update for Shift Register Processes", pp. 629-632, March 1992.
	April 1993	Shung et al., "Area-Efficient Architectures for the Viterbi Algorithm-Part I Theory, pp. 636-644, April 1993.
	April 1993	Shung et al., "Area-Efficient Architectures for the Viterbi Algorithm-Part II Applications, pp. 636-644, April 1993.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	